2610 /14-15

[illegible] ವಿ.ಕ. ಚೌಕ-ನಂ
2.12.14 ರಂದು ವಿತರಿಸಿದೆ.
ಸಂಖ್ಯೆ: 260901 ರಿಂದ 261000 ರವರೆಗೆ
[illegible]

Executive Engineer
Byatarayanapura Division
Yalahanka Zone, B.B.M.P.
Bangalore-560092

SBRNO-97/15-16
A: 29-6-15

M. A. R. 57 (Rule 116)
Measurement Book BR-III No. B

260901

Serial No. 2nd and final Bill
Name of Work ..... From ..... To .....
Name of Contractor of nature of Agency ..... B.B. Umesh, contractor
Date of commencement of work ..... D.O. Recorded, 26/06/15

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of Work : Long and Asphalting to Kaphalagiri layout 2nd, 2nd, 3rd and 4th Cross Road 1 to 2 W.O.S Adj Wind parapets Dist. Division						
	Estimated cost : Rs. 20.00 Lakhs.						
	DB.No : 009-15.000042						
	Work order no : BE/BTP/DBMP/E-Print/33/2015-16						Dt. 22/04/15
	Date of commencement : 23/04/2015						
	Date of completion. 25/06/2015						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Earthwork Excavation by manual means in ordinary soil, involving an average horizontal throw upto 2m and an average lift upto 0.90m, Excavated surface levelled and gradient neatly trimmed, the dispersed Earth to be leveled neatly after bonds of roads Complete as per specifications and directions of Engineer-in-charge of work.						
	Qty vide this MB. p.no 260967.						
	# no. (1) = 574.25 m³						459.40 tons
	2) Scarifying Existing stone metal layer upto 75mm thick along with their bituminous surface	eqal					

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2
	picking up
	serviceable
	quantity
	on prepared
	bund
	below,

T BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
rmation in ordinary soil,			
ow upto 2m and lay			
surface levelled and			
Earth to be lead by			
mpleted as per specifica			
ype of soil.			
vide this MB. p.no 260967			
# no. ① = 574.25m³		45940.00	
layer upto 75cm			
rmation surface			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260902

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	picking up deposited materials and stacking of old serviceable materials within lead of 1km, separating sprouts of the damaged aggregates with fresh aggregates on prepared base and consolidating as per Water bound Macadam specifications, including cost of labour, tools & machinery complete as per specification.						
	As per this MB. p 260967						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8	
		## no (1)	= 2254 m^2	@ 88/ m^2			198352.00
3)	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at one in mechanical mix plant conveying of mixed material by tipper to site, laying in uniform layer with pave in sub-base/ base course on well prepared surface and compacting with vibratory Roller to achieve the desired density complete as per specification.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2
	and directio
4)	Cleaning the removing of matter with sweeping wi finally dus compressed

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		= 22544 m² @ 88/m²	198352.00
		specifying graded	
		macadam specifying	
		with water at OMC	
		ness of mixed mixing	
		g layer with pave	
		well prepared	
		vibratory Roller to	
		complete as per specifications.	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260903

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and direction of Engineer-In-charge of Work.						
	As per item (3) of this MB						
47	P.no 260908 Cleaning the existing WBM. Road surface including removing of binding materials and other foreign matters with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and / or Compressed air to receive bituminous treatment	1	338.10	4	1500/m³	507150.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	including costs of all materials, labour, hire of machinery, every complete as per specifications and directions Engineer-in-charge of work.						
	of Sapatagram Layout 1st CR						
		1	30.00	$\frac{4.9+4.6}{2}$	-	142.50	
		1	30.00	$\frac{4.6+4.6}{2}$	-	138.00	
		1	30.00	$\frac{4.6+4.5}{2}$	-	136.50	
		1	30.00	$\frac{4.5+4.7}{2}$	-	138.00	
		1	30.00	$\frac{4.7+4.0}{2}$	-	130.50	
		1	12.30	$\frac{4.4+3.6}{2}$	-	54.74	
		1	24.90	$\frac{4.4+5.1}{2}$	-	118.27	

NT BOOK

ensions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
	4.5+4.6 / 2	-	142.50	
	4.6+4.6 / 2	-	138.00	
	4.6+4.5 / 2	-	136.57	
	4.5+4.5 / 2	-	138.00	
	4.7+4.6 / 2	-	130.50	
	4.4+3.6 / 2	-	54.74+2	
	4.4+3.6 / 2	-	118.27	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260904

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	(b) Kapathagiri Layout 3rd Cross. Balance Road	1	30.00	4.6+4.3 / 2	-	133.50	
		1	35.10	4.3+3.9 / 2	-	164.97	
		3	30.00	4.50	-	405.00	
	(c) LSH CROSS-Road 'L' Shape-Road	1	34.40	3.8+3.9 / 2	-	132.44	
		1	30.00	3.6+3.6 / 2	-	108.00	
		1	30.00	3.6+4.1 / 2	-	115.50	
		1	16.90	4.1+4.7 / 2	-	74.71	
	(d) 14th main Road HMS Layout	1	30.00	6.7+4.4 / 2	-	166.50	1635-51

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	30.00	$\frac{4.4+4.4}{2}$	-	132.00	
		1	30.00	$\frac{4.4+5.0}{2}$	-	141.00	
		1	30.00	$\frac{4.4+5.0}{2}$	-	141.00	
		1	30.00	$\frac{5.0+4.6}{2}$	-	144.00	
		1	25.30	$\frac{4.6+7.0}{2}$	-	146.74	
	pothole filling	9 by as per this MB at ④ P. 268/69			-	384.00	43785.00
						3125.00 sq.m	@ 14/sq.m
(5)	Providing and applying primer coat for surfaces of premixed type cement stabilised base @ 1.10 kg/sq.m over prepared surface with S.S. bitumen emulsion @ 0.9 kg						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	bitumen tankers of Road surfac Hom of mode morth specification work.
(6)	Providing and laying crushed aggrega bitumen binder

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
∞	4.4+4.4 / 2 -		132.00	
∞	4.4+5.0 / 2 -		141.00	
∞	4.4+5.0 / 2 -		141.00	
∞	5.0+4.6 / 2 -		144.00	
50	4.6+7.0 / 2 -		146.74	23k0.25
per this NO -			380.00	43780.00
⑤	1.268.69		3125.00	m² @ 14/12
for	surfaces of		welding	
dot	bore	@ 1.10	8/m²	
	Emulsion		4sq	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260905

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	bitumen tanker fitted with spray bar (excluding cleaning of Road surface) including costing all materials, labour Hire of machinery complete as per specifications. Month specification. as per the directions of Engineer-in-charge work.						
				Orig wide. It was (25)		= 3125 m² @ 79/m²	2,46,875.00
(6)	Providing and laying dense graded bituminous concrete using crushed aggregates of specified grading, premixed with bitumen binder and filler, transporting the hot mix to work						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sift, laying With a paver and alignment. Rolling With smooth wheeled Vibratory and tandem-Roller to achieve the desired compaction as per work specification clause no. 504 Complete in all Respects, as per classification. Using 100-120 HP Capacity H.M.P With dense Paver grade. II (25-30 mm) With 5% C.R.M.B-58 grade. etc complete as per specification and direction of Engineer-in-charge						
a)	'L' Shape. Road	Work					
		1	34.40	$\frac{3.87+3.8}{2}$	0.025	3.31	
		2 nos	30.00	3.70	0.025	5.55	
		1	16.90	4.40	0.025	1.85	
	Depression portion	2	14.10	3.15	0.025	2.22	
		3	13.40	3.00	0.025	3.01	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of wo
1	2
a)	Carpathagoni Layout.
b	3rd Cross. Babu
	Co-ords 43.1

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
... required grade, level			
...ded vibratory and			
compaction as per			
...ks in all Respects,			
...ry capacity H.H.P			
...30 H.P) With 5ft. CRMB			
...ifications and directions			
0	3.8+3.3 / 2 0.025	3.31	
00	3.70 0.025	5.55	
10	4.40 0.025	1.87	
00	3.15 0.025	2.22	
40	3.40 0.025	3.01	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260906

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6 Avg	Contents 7	Reference to last Measurement 8
a)	Sapthagiri Layout - 4th Cross	1	30.00	4.9+4.6 / 2	0.025	3.56	
		1	30.00	4.9+4.6 / 2	0.025	3.45	
		1	30.00	4.6+4.5 / 2	0.025	3.41	
		1	30.00	4.5+4.7 / 2	0.025	3.45	
		1	30.00	4.7+4.0 / 2	0.025	3.26	
		1	12.30	4.0+3.6 / 2	0.025	1.37	
		1	24.90	4.4+5.1 / 2	0.020	2.86	
b	3rd Cross - Balaji - Rly (0.00 to 43.10)	1	30.00	4.6+4.3 / 2	0.025	3.34	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	13.10	$\frac{4.3+3.5}{2}$	0.025	1.54	
	(6) 14th main-Road Junction	1	30.00	$\frac{6.2+4.4}{2}$	0.025	4.46	C&RC
		1	30.00	$\frac{4.4+4.4}{2}$	0.025	3.30	
		2x1	30.00	$\frac{4.4+5.0}{2}$	0.025	3.53 7.06	
		1	30.00	$\frac{5.0+4.6}{2}$	0.025	3.60	
		1	25.30	$\frac{4.6+7.0}{2}$	0.025	3.67	
	3rd cross-Road	3x1	30.00	4.50	0.025	10.12	
		1	20.00	4.50	0.025	2.25	
	pothole filling as per Sr (4)	2	38.00	2.00	0.025	9.50	
				@1150.00/M		85.944	98,810.00
(7)	Award for Disposal of debris shall be payable at Contract rates by mechanical means including loading and unloading						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agen
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	as per the directions

T BOOK

nsions			Contents	Reference to last Measurement
	Breadth 5	Depth 6	7	8
4.3+3.5/2		0.025	1.54	
6.2+4.4/2		0.025	4.46	
4.4+4.4/2		0.025	3.30	
4.4+5.0/2		0.025	3.53 7.06	
5.0+4.6/2		0.025	3.60	
4.6+7.0/2		0.025	3.67	
4.50		0.025×4	10.12	
4.50		0.025×2	2.25	
8.0+4.2		0.025×4	9.50	
@115.00/M			85.944	988370.00
be payable			Conveyance	
dy loads			and unloading	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260907

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

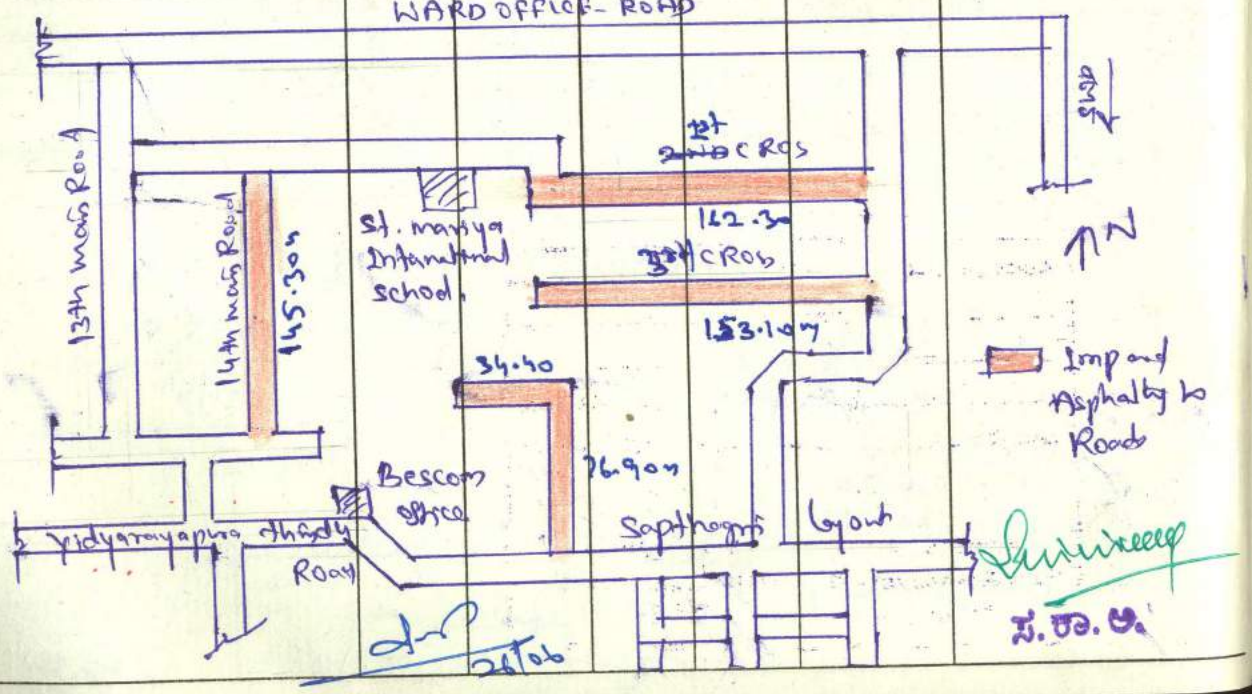
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	as per the directions of Engineer-in-charge/Supdt.						
	Qty vide MB no. (1) :					574.254	
						44 M. 545.544	43643.20
						@ 80/00	
						Total - Rs.	20,74,020.20
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು.						
	ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ						
	ಯಲಹಂಕ ಪಾಲಯ.						
	① ಬೆಂಗಳೂರು 97						
	Contractor						

26/05/18

Surveyor
ಸ. ಕಾ. ಅ.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
							

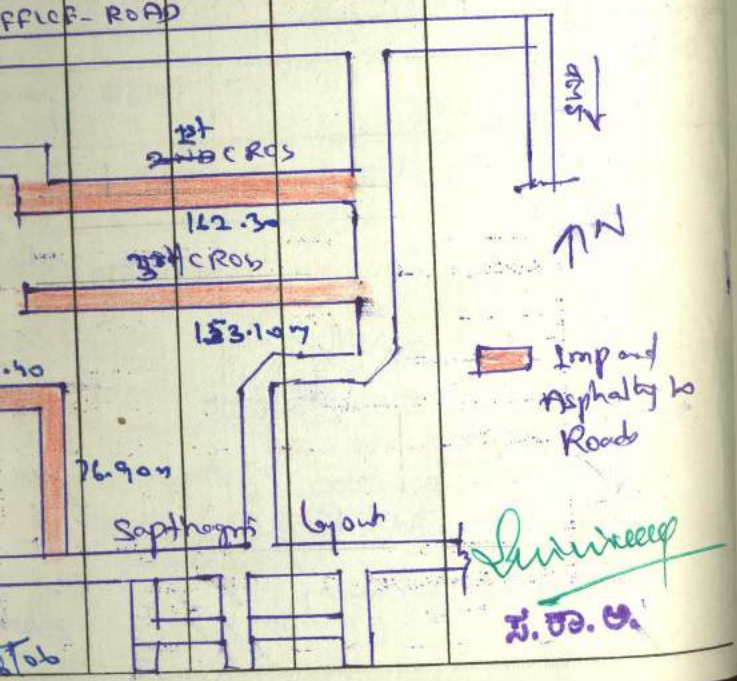
Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc,
1	2

Audited & Admit
2074
1897
and Rs 1760
Accts Suddi
Byatarayanapu
Bhimr

ENT BOOK

Dimensions			Contents	Reference to last Measurement
gth	Breadth 5	Depth 6	7	8



M. A. R. 57 (Rule 116)
Measurement Book

No. B

260908

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Audited & Admitted for Rs 2074020=00 1897996=00 by Cheque and Rs 176024=00 by adjustment Accts Supdt Bydarahalli Division Bdmr Exe Engineer Bydarahalli Sub Division BBMP					IT – 20740 VAT – 82961 Lwc – 2074 CBF – 2074 Roy – 49509 Total – 176024=00	